This document contains in-house information provided to service technicians.
Do not provide it to customers.

The service meter must also be checked, even when the unit is placed into operation for the first time. In an autoclave that has never been used, the service meter is already running: the end of production date is stored at the manufacturer's plant in the memory, before the autoclave leaves the factory. If the autoclave has remained in a show room or in a warehouse for a number of weeks or months, then the service clock will continue to run during this period, even though the autoclave has not been used. This means that the two years' service period will come earlier than expected, before the autoclave has been in actual service for two years. The report "Please perform service" when then appear in the display of the unit. As a result, it is important to always reset the service meter when it is first put into operation, and every time after service has been performed.

Resetting the service meter for autoclaves with software up to and including version BO 1.022 (look for this version number on the info menu, under technical data)

1. Select the service menu **(the service interval has been permanently set to 365 days)**
2. In the access code, briefly press down buttons 2 and 4 at the same time. Then hold down button 4 for approx. 3 seconds. The display will then change to the service menu.
3. Set your cursor to leave the menu, and then briefly press down buttons 3 and 4 at the same time. The display will now change to reset system meter.
4. Then briefly press the button for service, which will reset the SERVICE system counter. The number shown over this button will change to 0000.
5. Press the BACK button twice, and then press the STOP button. This will take you out of the service menu.

Resetting the service meter with software version BO 2.0 and later 022 (look for this version number on the info menu, under technical data)

1. Select the menu for diagnosis + service **(BO 2.0- 2.2: Service interval after 730 days, or 1,000 cycles.**
From software version 2.3 after 730 days or 2000 cycles 41-B+43-B / 3000 cycles 40-B+44-B).
2. In the access code, briefly press down buttons 2 and 4 at the same time. Then hold down button 4 for approx. 3 seconds. The display will then change to the service menu.
3. Set your cursor to "Reset the service meter" and then choose "Select". The selected line will become black. Then press the "Select" button for approx. 3 seconds. The service meter will then be reset, and the value returns to 0000.
4. Press the BACK button, and then press the STOP button. This will take you out of the service menu.

Pressure release and drain of the double jacket:

Completely drain: For performing the maintenance or for the transport of the autoclave it is necessary to drain the double jacket (Pressure release and water).

***Units with water ring pump (14-B, 40-B, 44-B*):** Select in the Service Menu AC-OUT, Vacuum pump ACOUT 05 and SMV Cooling water ACOUT 04 and activate them. Select DC-OUT and activate the SV Rinse 06.

Units with air cooling (13-B, 41-B, 43-B): Select in the Service Menu AC-OUT, Fan of cooler ACOUT 04 and activate them. Select DC-OUT and activate DC-OUT 08 SV Cooler drain and then DC-OUT 06 SV Rinse. The double jacket will be emptied, Check the indication at the pressure gauge behind the cover at the front of the unit, left-sided at the button. Is the jacket without pressure the pressure gauge indicates 0 bar or less and the activated Outputs can be switched off again.

Only pressure release: To perform work on the double jacket of this device, above the internal water column (for example, on the steam valve or on the dirt filters), **the double jacket must not be under pressure**. The feed water, however, can remain in the device (to save time and water).

- ⇨ Close the door and go to the Service Menu "DC Outputs," select DC-OUT
- ⇨ Switch the following **ON** in the order as following: DC-OUT 02 SV for pressure release, DC-OUT 05 SV for emergency release, DC-OUT 08 SV for cooler drain (for membrane devices), DC-OUT 03 SV for steam

The pressure, with part of the condensate water, will then flow into the boiler, and from there through the pressure discharge into the drain water. The jacket is not under pressure when the pressure gauge on the double jacket (located at the bottom left, behind the cover cap) shows zero. Residual water will remain in the jacket. The device can now be switched off.

Articles not included in the maintenance set:

Description	Article No.	Description	Article No.
Spring-operated safety valve	20945	Motor of door locking mechanism	45815
Door gasket	45160	Spring of door beam	45580
Ball bearing	46130	Bolt or door hinge with retaining rings	45725
Door spindle with nut, complete	27538	Leading spout	45630
Sliding piece of the door beam	66400	Non-return valve (cavitation)	59173
Motor shaft	45820	Loctite 272	13740